

## CLAIMS

1. A laundry system comprising a terminal device and a laundry apparatus, the terminal device including:
- 5       a display panel;  
      an input panel;  
      a first short-range communication device;  
      a long-range communication device; and  
      a terminal device controller transmitting information about  
10   clothes as laundry and information about a laundry constraint  
      both set on the input panel, to a server connected to a long-range  
      communication network for providing laundry control information,  
      using the long-range communication device, thereby obtaining an  
      operation control program for the laundry apparatus on the basis  
15   of the two pieces of information, the terminal device controller  
      transmitting the obtained operation control program via the first  
      short-range communication device to the laundry apparatus, the  
      terminal device controller receiving via the first short-range  
      communication device information about an operating state of the  
20   laundry apparatus, displaying the information on the display  
      panel; and the laundry apparatus including:  
      an operation panel;  
      a laundry unit;  
      a second short-range communication device; and  
25       a laundry apparatus controller receiving the operation  
      control program via the second short-range communication device  
      from the terminal device to control the laundry unit so that laundry  
      is washed and/or dried, the laundry apparatus controller

transmitting to the terminal device the information about the operating state of the laundry apparatus via the second short-range communication device.

5           2. A laundry system according to claim 1, wherein the terminal device controller obtains from the server a plurality of major groups of clothes to be laundered to display the obtained major groups on the display panel, the terminal device controller obtaining from the server a plurality of minor groups of clothes  
10 belonging to a selected one of the main groups, displaying the obtained minor groups on the display panel.

          3. A laundry system according to claim 2, wherein the terminal device controller obtains from the server a piece of guide  
15 information about laundry of clothes belonging to a selected one of the minor groups to display the obtained information on the display panel.

          4. A laundry system according to claim 3, wherein when two  
20 or more minor groups are designated as laundry, the terminal device controller obtains from the server an operation control program for the laundry apparatus in consideration of the two or more selected minor groups thereby to transfer the obtained operation control program to the laundry apparatus.

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          5. A laundry system according to claim 3, wherein when two or more minor groups are designated as laundry, the terminal device controller obtains from the server a piece of information as to

whether it is appropriate for laundry of clothes belonging to the two or more minor groups, together, thereby to display the obtained information on the display panel.

5           6. A laundry system according to claim 1, wherein when a "noise-reduced" course has been selected as the laundry constraint, the terminal device controller obtains from the server the operation control program taking the selected laundry constraint into account, transferring the obtained operation control program  
10 to the laundry apparatus.

          7. A laundry system according to claim 1, wherein when an "atopy care" course has been selected as the laundry constraint, the terminal device controller obtains from the server the  
15 operation control program taking the selected laundry constraint into account, transferring the obtained operation control program to the laundry apparatus.

          8. A laundry system according to claim 1, wherein when a  
20 "detergent setting" course has been selected so that a detergent to be used has been designated, the terminal device controller obtains from the server the operation control program taking the selected laundry constraint into account, transferring the obtained operation control program to the laundry apparatus.

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          9. A laundry system according to claim 1, wherein the laundry apparatus controller notifies the terminal device via the first short-range communication device that a power supply of the

laundry apparatus has been turned on, the terminal device confirms the notification and subsequently transmits the obtained operation control program to the laundry apparatus controller.

5           10. A laundry system according to claim 1, wherein when receiving via the input panel an instruction regarding addition of clothing, the terminal device controller obtains from the server main and minor groups of clothes to be allowed to be added, displaying the obtained groups on the display panel, and when  
10 minor groups of clothes to be added are instructed via the input panel, the terminal device controller obtains from the server the operation control program taking addition of clothes into account, transmitting the obtained program to the laundry apparatus controller.

15           11. A laundry system according to claim 1, wherein the terminal device controller displays, on the display panel, a changeable item of the operation control program which has been transferred to the laundry apparatus controller, and when a change  
20 has been instructed via the input panel, the terminal device controller obtains from the server the operation control program taking instructed contents into account, transmitting the obtained operation control program to the laundry apparatus.

25           12. A laundry system according to claim 1, wherein when having received an instruction regarding a laundry finish time via the input panel, the terminal device controller transfers data of the laundry finish time to the laundry apparatus controller.

13. A laundry system according to claim 1, wherein when the operation panel of the laundry apparatus has been operated so that contents of the operation control program have been changed,  
5 the laundry apparatus controller transfers the changed contents of the operation control program to the terminal controller and displays the changed contents of the operation control program on the display panel.

10 14. A laundry system according to any one of claims 1 to 8, 10 and 11, wherein the laundry apparatus controller transmits data of a model name of the laundry apparatus via the first short-range communication device to the terminal device.

15 15. A laundry system according to any one of claims 1 to 8, 10 and 11, wherein the terminal controller transmits data of a type number of the laundry apparatus to the server to obtain an operation control program taking the transmitted data of the type number of the laundry apparatus into account, instead of  
20 the previous operation control program.